

207.6 - Solder Thickness (plate form)

This SRM is for calibrating x-ray fluorescence equipment. Each unit, which consists of a 1.5 cm × 1.5 cm plate of an electroplated tin-lead alloy coating on a copper substrate, is individually certified for composition and mass per unit area.

Technical Contact: hillary.gates@nist.gov

PLEASE NOTE: The tables are presented to facilitate comparisons among a family of materials to help customers select the best SRM for their needs. For specific values and uncertainties, the certificate is the only official source.

SRM	Description	Unit of Issue	Composition	Coating Mass/Area, nominal (mg/cm ²)	Coating Thickness, estimated (μm)
2321	Sn-Pb Alloy Coating	each	Sn: 60 Pb: 40	6.8	295, 7.5